PEG-CH₂CH₂-NH-
$$\overset{\circ}{C}$$
-O- $\overset{\circ}{C}$ -NH- $\overset{\circ}{C}$ -O- $\overset{\circ}{C}$ -NH-CH- $\overset{\circ}{C}$ -NH-CH- $\overset{\circ}{C}$ -NH-Dox

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FIG. 6

PEG-CH₂CH₂-NH-C-CH₂CH₂-NH-C-O-
$$\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & -C-O-N \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & -C-O-N \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & -C-NH-CH_3 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & -C-NH-CH-C-NH-Dox \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & -C-NH-CH-C-NH-Dox \end{pmatrix}$$

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PEG-CH₂-
$$\ddot{C}$$
-O- \ddot{C} -O-N- \ddot{C} -O-N- \ddot{C} -O- \ddot{C} -O-N-Dox

PEG-CH₂- \ddot{C} -O- \ddot{C} -

PEG-0-C-0-N- DMAP/DMF PEG-0-C-0-N-
$$\frac{0}{0}$$
 $\frac{0}{0}$ $\frac{0}{0}$

PEG-0-C-0↓

0 0 - C - NH(CH₂)₁₁ - C - NH-Dox

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PEG-0-
$$C-0$$
- $O-C-NH_2(CH_2)_{11}COOH$

$$\begin{array}{c|c}
CH_2 \\
CH_2 \\
O-C-NH(CH_2)_{11}-C-NH-CH-C-NH-Dox
\end{array}$$

PEG-0-C-0-